

750 57 RECREATION GROUNDS (EA)

No specific guidance is available. Local conditions usually will govern the development of any parks, playgrounds, or picnic areas. Recreation Pavilions (Code 740 78) are authorized in conjunction with these facilities.

750 58 RECREATIONAL CAMPGROUND (sq.m./SF)

Project Review: Base MWR representatives, EFD, NAVFAC HQ, BUPERS (Pers-656D)
Design Criteria: *(Military Handbook is not currently available)*

1. **GENERAL.** See General Notes to 750 series category codes for General Instructions regarding facility allowance planning procedures.
2. **DEFINITION.** Recreational Campgrounds provide the military community with outdoor recreation opportunities at locations with attractive natural resources. In addition to campsites and related support facilities, short-term accommodation alternatives at such locations may also include MWR Rental Cabins and RV sites to provide patrons with a range of options. To complement the camping experience, and depending on location, Recreational Campgrounds may offer activities such as boating, canoeing, fishing, hiking, hunting, skiing and swimming. Facilities should be designed to take advantage of the natural features of the site, from vegetation to good views to unusual topography. At the same time, development should be environmentally appropriate, and not threaten the preservation of the natural heritage and scenic resources.

The planning criteria in this Category Code addresses only the camping sites and patron support facilities such as showers, toilets and laundromats. Other campground support facilities (particularly in relatively remote locations) such as an on-site manager's office and convenience are not included in this Category Code. Space allowances for MWR Rental Cabins are addressed under Category Code 740 81.

Dump stations are also not included in the planning criteria for this Category Code. Such stations should generally be provided at campgrounds which accommodate RV's. The sizing and design of dump stations will vary according to local conditions (such as topography, soil conditions, proximity to water sources, etc.). All dump station facilities must comply fully with all applicable environmental regulations.

3. **RELATED FACILITIES.** Where such locations are adjacent to the sea or other body of water, support facilities such as marinas, and boat repair and storage yards may be sited in close proximity to Recreational Campgrounds.
4. **SPACE ALLOWANCE.** The total number of camping and/or RV sites provided at a location is primarily determined by two considerations:
 - Financial viability based on an analysis of projected costs and revenues.
 - Capacity of the location to accommodate the proposed facilities at a recommended level of use density, and other site planning requirements for access and provision of utilities.

The number of campsites which may be accommodated per acre will vary depending on the natural features (topography, geology, vegetation, etc.) of the proposed location and the desired degree of privacy between individual sites. Development of as few as 2.4 sites per hectare (6 sites per acre) to a maximum of 5.7 sites per hectare (14 sites per acre) is recommended as a planning guideline. However, this guideline may be

modified by the financial analysis which may, for example, indicate that 2.4 sites per hectare (6 sites per acre) may be too low to justify the investment required to provide the necessary infrastructure (paths, roads, patron support facilities, utilities, etc.). Furthermore, the financial analysis may also indicate a total minimum number of sites required to justify the investment in this recreational resource.

Once the total number of campsites at a location has been determined, the required patron support facilities may be selected from the criteria in Table 750 58A.

TABLE 750 58 SANITARY FACILITIES REQUIREMENTS FOR RECREATIONAL CAMPGROUNDS				
<u># Tent/Trailer Sites</u>	<u>#Water Closets</u>	<u># Lavatories Male/Female</u>	<u># Showers Male/Female</u>	<u># Urinals Male/Female</u>
1-15	1/1	1/1	1/1	1
16-30	1/2	2/2	1/1	1
31-45	2/2	3/3	1/1	1
46-60	2/3	3/3	2/2	2
61-80	3/4	4/4	2/2	2
81-100	3/4	4/4	3/3	2

Notes for Table 750 58:

- (1) For recreational areas having more than 100 tent/trailer/camper/RV sites, provide one additional water closet and lavatory per each additional 30 sites, and one additional urinal per each additional 60 sites.
- (2) For laundry facilities, provide one washer and one dryer for every increment of 12 sites or portion thereof.

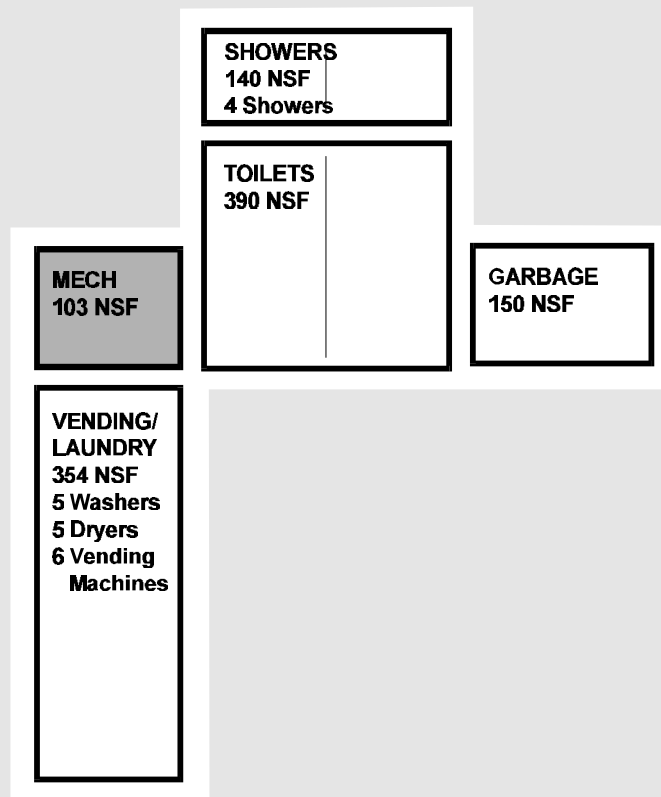
All facilities which have the potential for causing environmental contamination -- such as, for example, dumpsters and dump stations -- must comply fully with all applicable local, state and federal regulations. The planning of Recreational Campgrounds located in areas under the jurisdiction of other agencies such as State Parks and Forests Divisions, the U.S. Forest Service and the National Park Service, must adhere to all applicable development guidelines and review procedures.

5. **ILLUSTRATIVE SPACE PROGRAMS.** Space programs for support facilities for small (16-30 sites), medium (46-60 sites) and large size (81-100 sites) Recreational Campgrounds are presented to illustrate the application of the space allowance criteria, showing possible patterns of functional components, with their respective sizes and capacities. These space programs are for illustrative purposes only.
6. **SAMPLE LAYOUT DIAGRAM.** A layout diagram is presented for a support facility for a medium-size Recreational Campground. The layout diagram is for illustrative purposes only.

RECREATIONAL CAMPGROUND (Category Code 750 58)

Sample Space Programs

Functional Component/ Sub-Component	Space Allocation Standard		SMALL SIZE: 16 to 30 sites; 0.5 to 2 hectares				MEDIUM SIZE: 46 to 60 sites; 1.3 to 4 hectares				LARGE SIZE: 81 to 100 sites; 2.3 to 6.7 hectares			
			Sub-Total		Capacity	let Area	Sub-Total		Capacity	let Area	Sub-Total		Capacity	let Area
			sq.m.	sq.m.			sq.m.	sq.m.			sq.m.	sq.m.		
ACTIVITY SUPPORT														
Patron Support	sq.m.		61				100				144			
Toilets (male and female)														
Water Closets/Urinals	3	NSF per fixture	4	12			7	21			9	27		
Lavatories	3	NSF per fixture	4	12			6	18			8	24		
Showers (male and female)	3	NSF per shower	2	6			4	12			6	18		
Vending Machines	2	NSF per machine	4	8			6	12			8	16		
Bill Changing	1	NSF per machine	2	2			3	3			4	4		
Laundry														
Washers	2	NSF per machine	3	6			5	10			9	18		
Dryers	2	NSF per machine	3	6			5	10			9	18		
Garbage Disposal Facility			9				14				19			
BUILDING SUPPORT			19				26				31			
Circulation/Housekeeping	10-15%	total NSF facility	11				16				20			
Supplies/Janitor's Closet/ Structure/Partitions														
Mechanical/Electrical/Communication Equipment Space	5-10%	total NSF facility	8				10				11			
TOTAL FACILITY ALLOWANCE (Gross Area sq.m.)			80				126				175			
Maximum Gross Area per Site (sq.m.)			5				3				2			
Minimum Gross Area per Site (sq.m.)			3				2				2			



**LAYOUT DIAGRAM -- RECREATIONAL CAMPGROUND
Medium Size Support Facility**

750 60 MARINA (EA)

This facility requires special considerations and must be developed based on local conditions and supported by a detailed analysis. A marina support building or boathouse is authorized in conjunction with a marina. See Code 740 87 for marina support building criteria.

750 61 RECREATIONAL PIER (EA)

No specific criteria are available.